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Stormwater Management Inspector Course



Ground Rules

- Keep cell phones off during the training
- Questions and comments are encouraged
- Everyone will have an opportunity to speak and share their thoughts at the appropriate times
- Be supportive of all participants



Agenda

- 8:30 – 9:00 Module 1
- 9:00 – 10:00 Module 2
- 10:00 – 10:15 Break
- 10:15 – 11:15 Module 3
- 11:15 – 12:00 Module 4
- 12:00 – 1:00 Lunch
- 1:00 – 2:00 Module 4 continued
- 2:15 – 2:30 Break
- 2:30 – 3:00 Module 4 continued
- 3:00 – 4:00 Exercise



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VEGIS

Virginia Department of
Environmental Quality
P.O. Box 1105

Training & Certification

CATS Recertification Live

Individuals whose Erosion & Sediment Control (ESC) certifications expire in 2015 can now find their profile in CATS and recertify though contact hours they have completed. CATS also now supports dual certifications.

For more information see: [Recertification \(CATS\)](#)

Training & Certification Information

Stormwater Training	ESC Training
Specialty Training	RLD Training
Certification Exam	Recertification (CATS)

Certification Types & Respective Training Courses

Program Administrator	= Basic Course
Inspector	= Basic Course + Inspector

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Responsible Land Disturber

- [RLD Information](#)

Stormwater Management

- [SWM Training Schedule](#)
- [SWM Basic Material](#)
- [SWM Inspector Material](#)
- [SWM Plan Reviewer Material](#)
- [SWM Plan Review Checklist](#)
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Virginia Department of Environmental Quality

P.O. Box 1105
Richmond, VA 23218

Contact Us:

1-(804) 698-4000
1-800-592-5482 (Toll Free in VA)

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Examination Information

DEQ has enlisted the services of a professional examination company called [Pearson Vue](#) to manage exams for Virginia's Erosion & Sediment Control and Stormwater Management programs.

All information on the exam is outlined in the **Candidate Information Booklet (CIB)**.

Before Taking Your Exam

- Carefully read the **Candidate Information Booklet (CIB)** located on [Pearson's exam website](#)
- Bring copies of your Training Completion Certificate(s).
- Only bring allowable material, as identified in the Candidate Information Booklet (CIB).
- Place all allowable exam materials in a 3 ring binder (note: use no more than three binders).
- Prepare for your exam by studying the allowable materials as outlined in the CIB.

[Take me to Pearson Exam Website](#)

Printing Training Completion Certificates

If you attended training through DEQ you can print completion certificates from the Knowledge Center, as follows:

1. Login to the [Knowledge Center](#)
2. Click on "My Workspace" / "My Transcript"
3. Click "SWM or ESC Course Name"
4. Click "View Certificate" (this will open a pdf file that you can print).

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VA Dept of Environmental Quality Certification Testing

This page contains specific exam information about the Department of Environmental Quality's Erosion and Sediment Control and Stormwater Management certification programs. From this page you can locate a test center, schedule your examination, and download the candidate information booklet and exam information/forms.



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Examination Scheduling Information

Please **VERIFY** that your name and personal information are **CORRECT**. Contact Pearson VUE immediately to correct the spelling of your name or update your personal information if you notice any errors. It is very important that this information is correct, as it will appear as it was entered on the documentation provided to you after you have completed the exam, as well as on any reports to your licensing agency.

Appointments may be made up to one calendar day prior to the day you wish to test, subject to availability. Pearson VUE offers the following scheduling options:

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Phone

Downloads

- [Candidate Information Booklet](#) (1.6 MB pdf)
The Candidate Booklet is the most comprehensive resource for prospective licensees.
- [Content Outlines](#) (76 KB pdf)
- [ESL Accommodation Request Form](#) (46 KB pdf)

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Updates from OTS - Exam

- Please study!
- Review Candidate Information Booklet
 - What to bring
 - What not to bring
 - Candidate identification
 - [Exam content outlines](#)

Allowed

- Three 3-ring binders
- Reference materials
- Dividers (any type)
- Sticky tabs (any type)
- Handwritten notes on reference materials
- Handwritten notes on dividers
- Handwritten headings on sticky tabs
- Highlighted reference materials
- Typed table of contents/index (Created by candidate)

NOT Allowed

- Loose paper
- Handwritten notes on separate paper
- Typed notes
- Practice quizzes
- PowerPoint slides





Recertification




- 4 recertification options:
 1. Retake and pass exam before expiration
 2. Retake DEQ course(s)
 3. Maintain professional license and pay recertification fee
 4. Complete continuing professional education hours



Continuing Professional Ed. Hours

- **Program Administrator**
 - 12 contact hours (2 days training)
- **Inspector**
 - 18 contact hours (3 days training)
- **Plan Reviewer**
 - 21 contact hours (3 1/2 days of training)
- **Combined Administrator**
 - 24 contact hours (4 days of training)



“Provisional” Certification

- You have two years to complete training courses and pass exam
- Provisionally certified during the 2 years





Module 1

Role of the Inspection Program

Overview



Stormwater



Regulated LDA

≥ 1 acre

or

Part of a larger
common plan of
development or
sale ≥ 1 acre

CBPA LDA

More stringent
area



Permits

Construction GP & VSMP authority permit

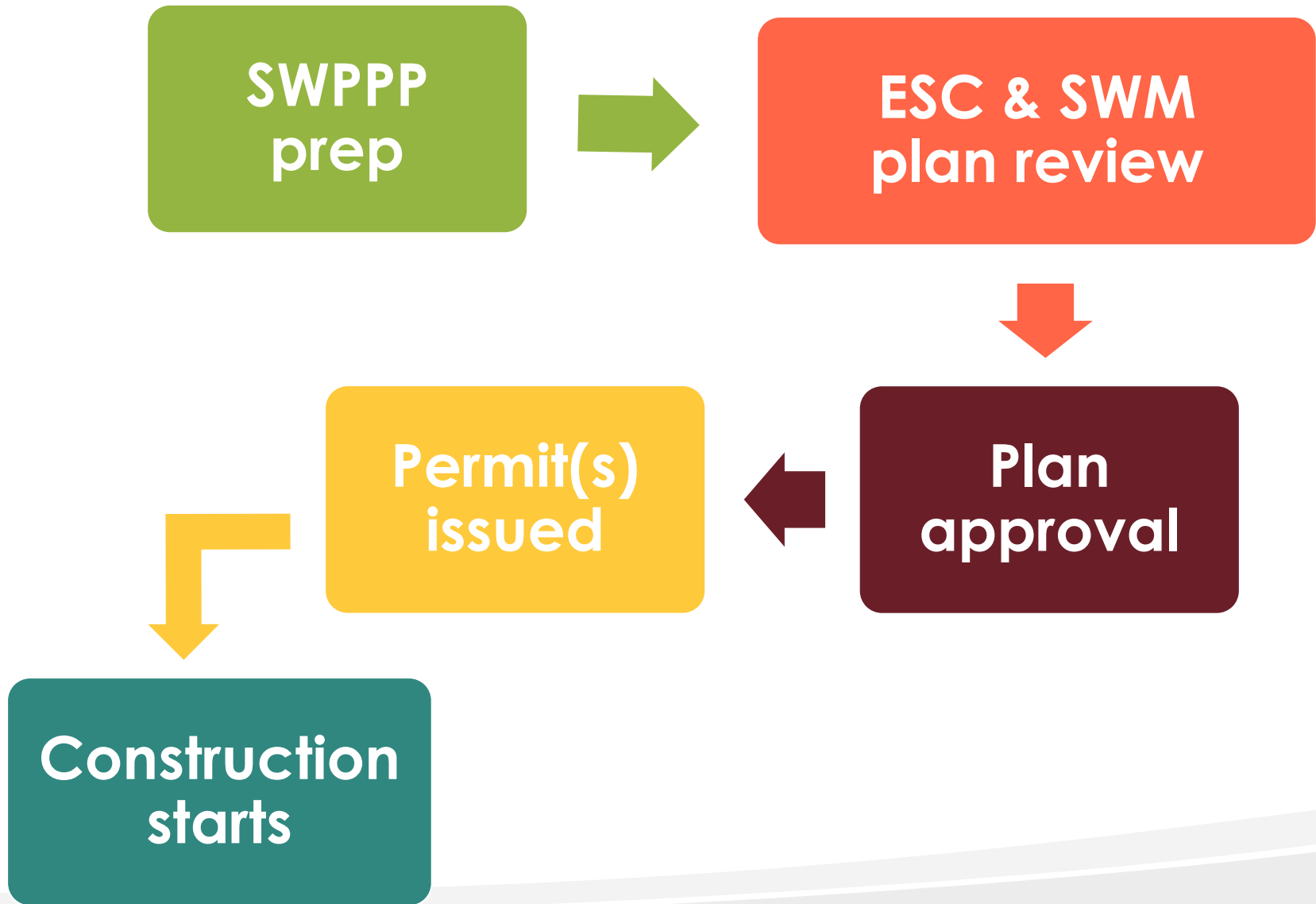
≥ 1 acre
or

Part of a larger
common plan of
development or
sale ≥ 1 acre

VSMP authority permit

CBPA LDA

More stringent
area





Overview



Overview

VSMP authority permit (Held by operator)

Erosion and
sediment controls
during
construction

Pollution
prevention during
construction

Additional control
measures for
TMDL during
construction

Installation of post-
construction BMPs
as identified in
approved SWM
plan

Operator requirements are established in the
VSMP authority permit terms



Overview

- Operator is responsible for:
 - Implementing approved ESC and SWM plans
 - Implementing and updating P2 plan and any additional control measures to address a TMDL
 - Complying with terms of VSMP authority permit and Construction GP, when applicable



Overview

- Tables on pages 5-8 outline how the Construction GP, VSMP, and ESC Regulations set forth inspection requirements for:
 - Operator
 - VESCP authority
 - VSMP authority

Construction Inspections

Table 1a-2

	Construction GP Regulation <u>(9VAC25-880-70 Part II (F))</u>	ESC Regulation <u>(9VAC25-840-60)</u>	VSMP Regulation <u>(9VAC25-870-114)</u>
Inspector	Designated by operator	VESCP authority	VSMP authority
Frequency			
Inspection criteria			

Construction Inspections

Table 1a-2

	Construction GP Regulation (9VAC25-880-70 Part II (F))	ESC Regulation (9VAC25-840-60)	VSMP Regulation (9VAC25-870-114)
Inspector	Designated by operator	VESCP authority	VSMP authority
Frequency			
Inspection criteria			

Construction Inspections

State Stormwater Management Annual Standards and Specifications

Table 1a-3

	Construction GP Regulation (9VAC25-880-70 Part II (F))	ESC Regulation (9VAC25-840-60)	VSMP Regulation (9VAC25-870-200)
Inspector	Designated by operator	Designated by operator	DEQ
Frequency		Periodically	Randomly & Response to complaint
Inspection criteria		ESC annual standards & specs	

Post-Construction Inspections

(9VAC25-870-114)

Table 1a-4

	VSMP authority	Property owner	State agency
Inspector	VSMP authority		
Frequency	At least once 5 yrs		
Inspection criteria	Long-term maintenance agreement		

Post-Construction Inspections

(9VAC25-870-114)

Table 1a-4

	VSMP authority	Property owner	State agency
Inspector		Designated by owner	
Frequency		BMP spec	
Inspection criteria		Long-term maintenance agreement	

Post-Construction Inspections

(9VAC25-870-114)

Table 1a-4

	VSMP authority	Property owner	State agency
Inspector			State agency
Frequency			Annually Certain storms
Inspection criteria			Effectiveness of SWM



Module 1b.



Post-Construction Inspections

- What must the operator submit to the VSMP authority before permit termination that verifies which BMPs were installed?
 - Construction record drawings



Post-Construction Inspections

- What must the operator record before the Construction GP is terminated?
 - Long-term maintenance agreement
 - Stated to run with the land
 - Provides access for regulatory inspections
 - Enforceable by appropriate governmental parties
 - Provides inspections and maintenance and submission of inspection and maintenance reports to VSMP authority